

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3-E Co. Inc. Box 190 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1900' FNL & 1820' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

5120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GB, etc.)

4692 GL

4852' from plat.

Desert Creek

22. APPROX. DATE WORK WILL START*

August 1, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	500	See attached cement information
7 7/8	5 1/2	15.5	5800	

See Attached

RECEIVED

JUL 3 1984

RECEIVED

JUL 3

DIVISION OF OIL
GAS & MININGDIVISION OF OIL
GAS & MININGAPPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/5/84

BY: John R. Dora

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

John R. Dora

TITLE

Agent

DATE June 22, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

COMPANY CHUSKA ENERGY COMPANY

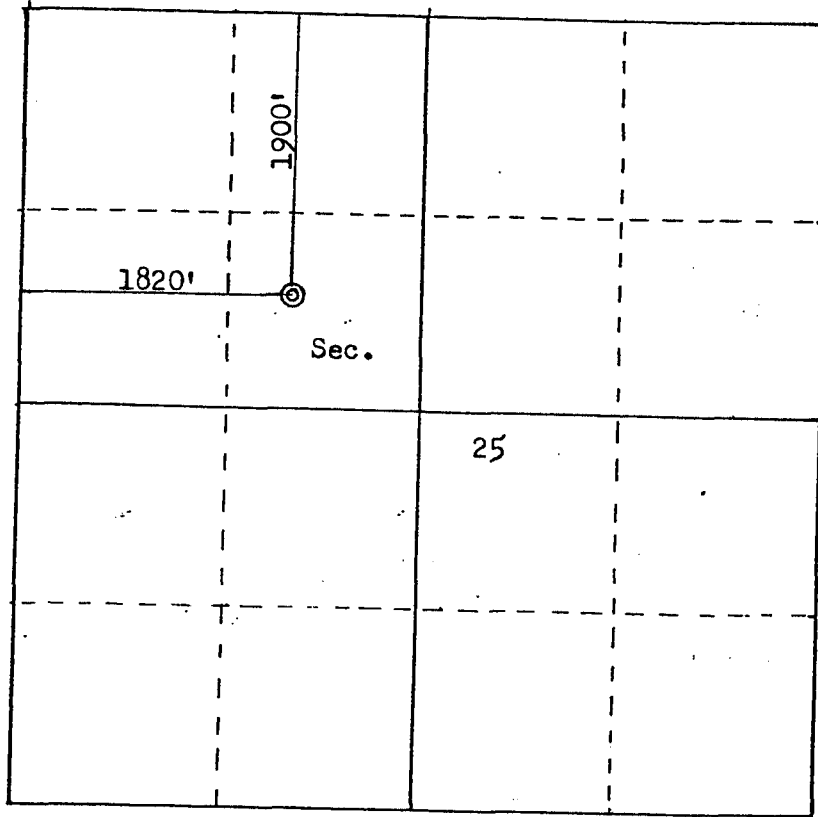
LEASE NAVAJO TRIBAL WELL NO. 22-25

SEC. 25, T. 41S, R. 25E

San Juan County, Utah

LOCATION 1900'FNL 1820'FWL

ELEVATION 4852 ungraded ground



RECEIVED

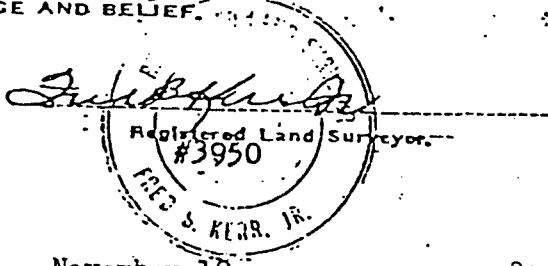
JUL 3

DIVISION OF OIL
GAS & MINING

SCALE—1 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED November 10 1983

FORMATION INFORMATION AND
DRILLING PRACTICES

CHUSKA ENERGY CO.
Navajo Tribal No. 22-25
1900' FNL and 1820' FWL
Sec. 25, Twn 41S, Rng 25E
San Juan Co., Utah

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NOV 1977

CHUSKA ENERGY CO.

1900' FNL and 1820' FWL

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

DeChelly	2730'	Lower Ismay	5596'
Organ Rock	2820'	Desert Creek	5636'
Hermosa	4636'	T.D.	5800'
Upper Ismay	5476'		

3. Estimated Depth of Anticipated Oil, Gas Water or Minerals:

Oil	5596'
Oil	5636'

4. Proposed Casing Program:

0-500' 8 5/8", 24 lb/ft, ST & C, K-55 new casing;
cement with 300 cubic feet class "B" +
2% CaCl₂. Cement will be brought to surface.

0-5800'T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing;
cement with 540 cubic feet 50-50 poz mix
+ 2% CaCl₂+ 10% salt + 0.8% fluid loss
Additive. Cement top at 4000'.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID LOSS
500-4000'	Gel-chem	35-45	9.5	15cc
4000-5800'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- Bit float
- Stabbing valve to be used in drill pipe when kelly is not connected.

RECEIVED

JUL 3 1984

DIVISION OF OIL
GAS & MINING

8. Logging - Coring - Testing Program:

Logging - Open Hole Mud: IES, CNL, FDC 4000' to t.d.

Testing : Possible in Lower Ismay and Desert Creek

Coring : None Planned

9. Abnormal Temperatures, Pressures or Potential Hazards:

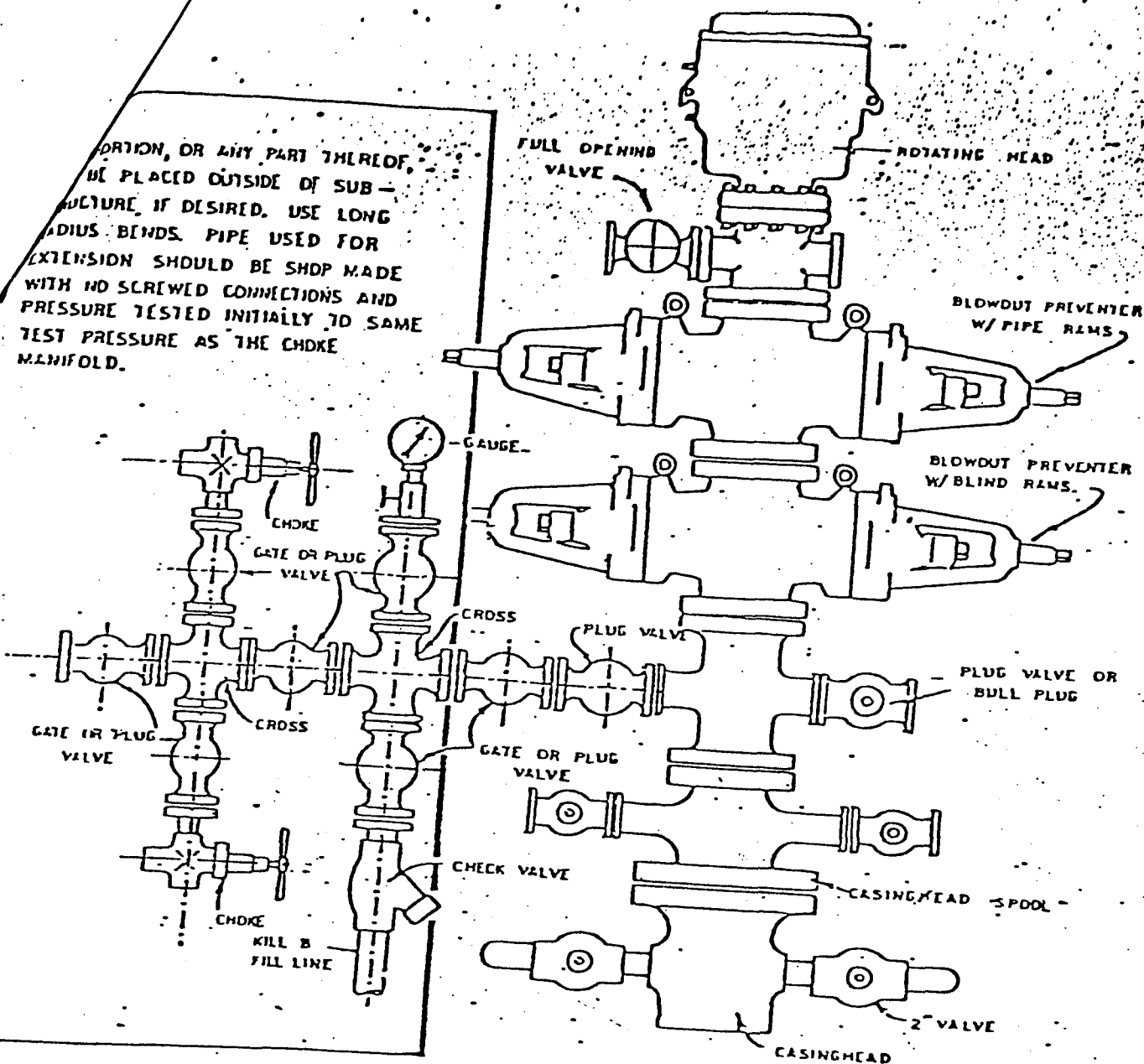
None expected

10. Starting Date:

Anticipated starting date is August 1, 1984. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.

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JUL 3 1984
DIVISION OF OIL
GAS & MINING

SECTION, OR ANY PART THEREOF, BE PLACED OUTSIDE OF SUB-
 CULTURE, IF DESIRED. USE LONG
 RADIUS BENDS. PIPE USED FOR
 EXTENSION SHOULD BE SHOP MADE
 WITH NO SCREWED CONNECTIONS AND
 PRESSURE TESTED INITIALLY TO SAME
 TEST PRESSURE AS THE CHDKE
 MANIFOLD.



BLOWOUT PREVENTER HOOKUP

RECEIVED

JUL 3 1984

DIVISION OF OIL
 GAS & MINING

SURFACE USE PLAN

CHUSKA ENERGY CO.
Navajo Tribal No. 22-25
1900' FNL and 1820' FWL
Sec 25, Twn 41S, Rng 25E
San Juan Co., Utah

RECEIVED

JUL 1978
DIVISION OF OIL
GAS & MINING

1. Existing Roads (shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join an existing location.

2. Planned Access Road (Shown in red)

The new access road will run from an existing paved road. The maximum grade will be 10%. Water bars will be used to prevent erosion. Approximately 1500' of new road will be required.

3. Location of Existing Wells

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gather & Service Lines

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area.

5. Location and Type of Water Supply

Water will be trucked from the San Juan River, 7 miles north of the location.

6. Source of Construction Materials

Any gravel or other construction material that cannot be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.

7. Methods of Handling Waste Disposal

All trash will be carried to a land fill or burned. All nonburnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.

9. Ancillary Facilities

No ancillary facilities are planned.

10. Well Site Layout

The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

11. Plans For Restoration of Surface

Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

12. This site is approximately 2 mile east of the Aneth Community School. It is on top of a broad mesa bench and is covered with native weeds and grasses. The archaeologist found no artifacts in the area.

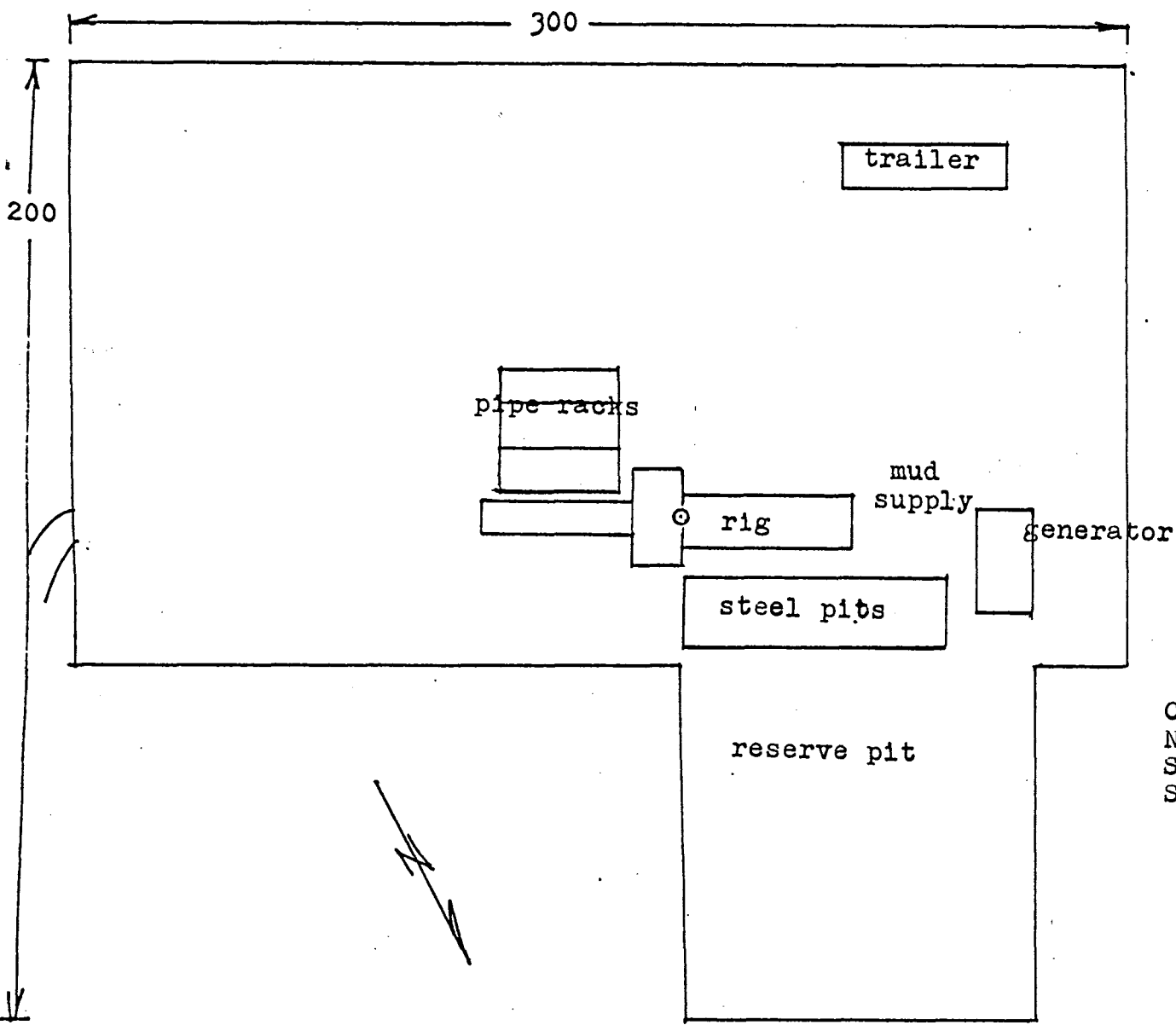
13. John Alexander
3-E Company, Inc.
PO Box 190
Farmingotn, NM 87499

14. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

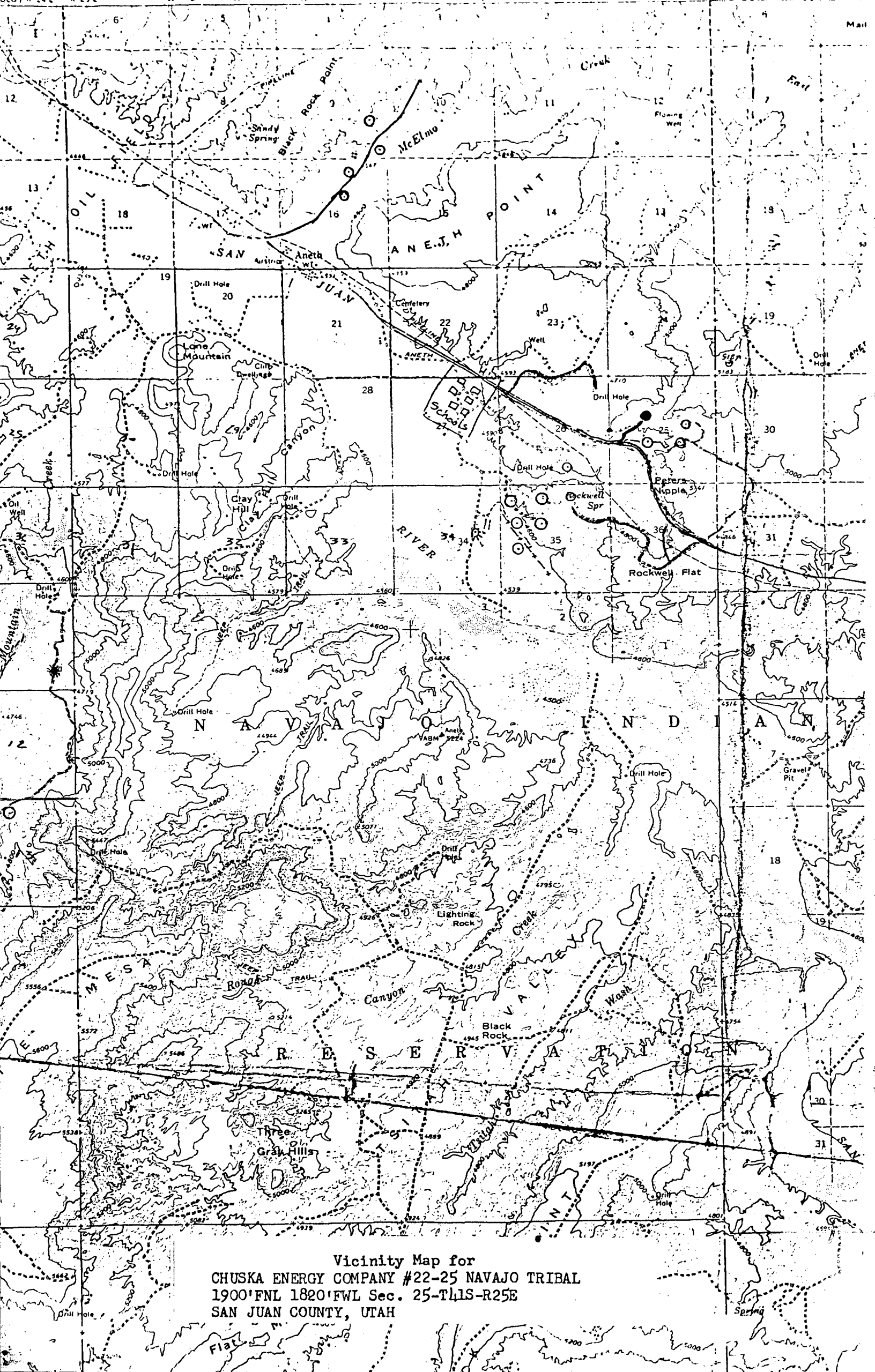


JOHN ALEXANDER

JA:sh

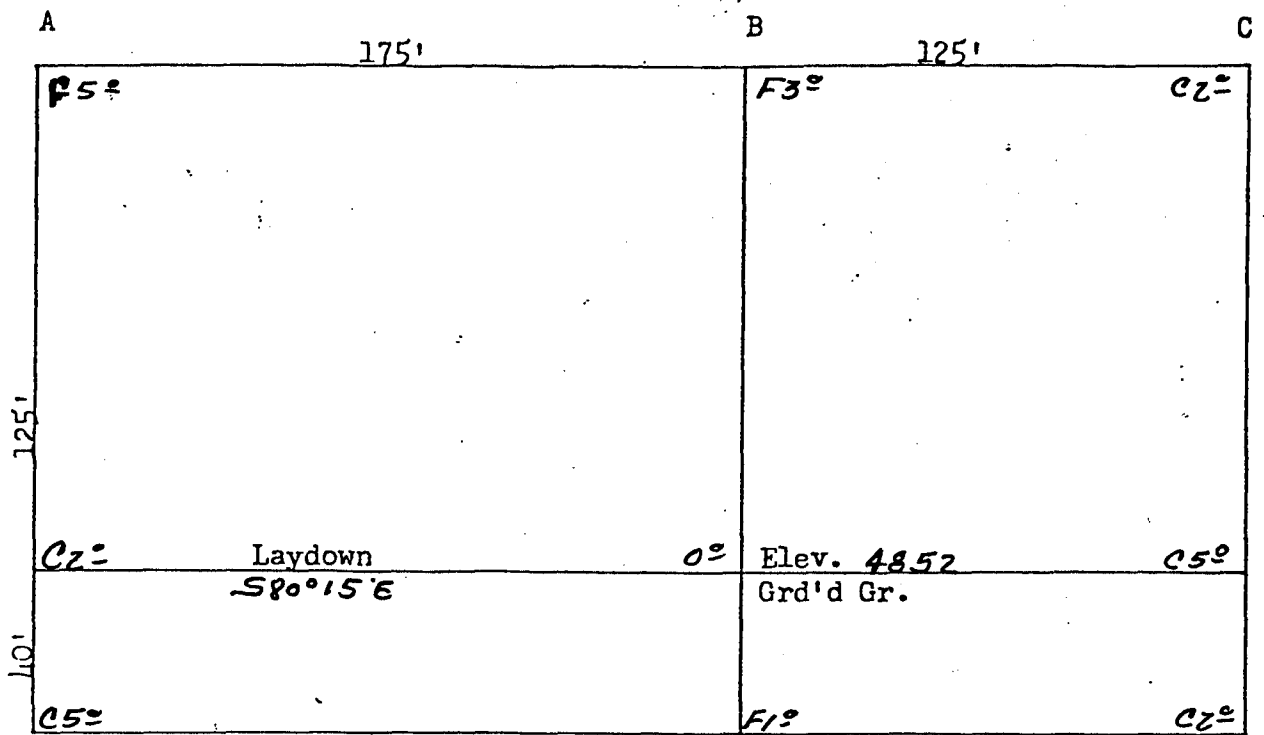


CHUSKA ENERGY CO.
Navajo Tribal 22-25
SE/NW 25-41S-25E
San Juan, Utah

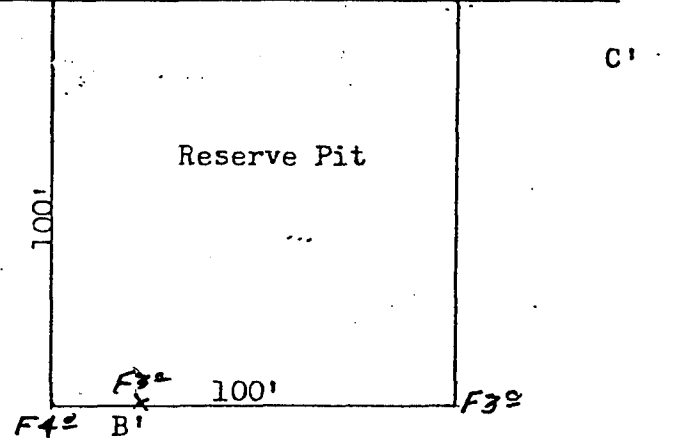
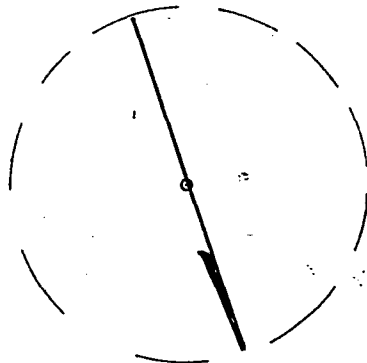


Vicinity Map for
CHUSKA ENERGY COMPANY #22-25 NAVAJO TRIBAL
1900' FNL 1820' FWL Sec. 25-T4LS-R25E
SAN JUAN COUNTY, UTAH

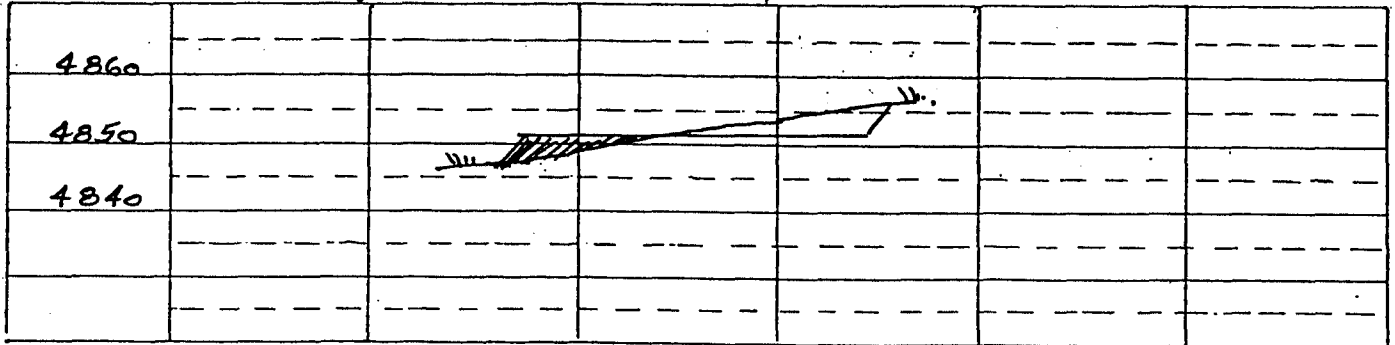
Profile for
 USKA ENERGY COMPANY #22-25 NAVJO TRIBAL
 1900'FNL 1820'FWL Sec. 25-T4LS-R4E
 SAN JUAN COUNTY, UTAH



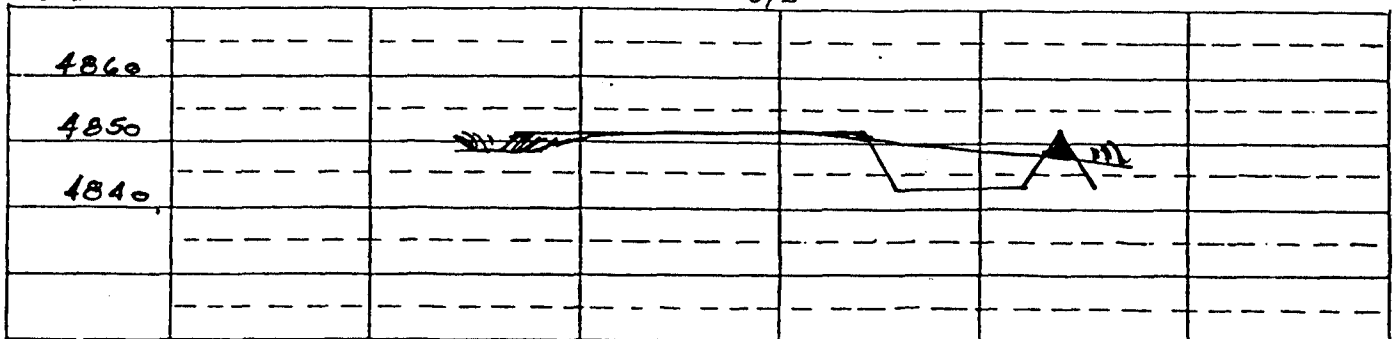
A' Scale: 1"=50'



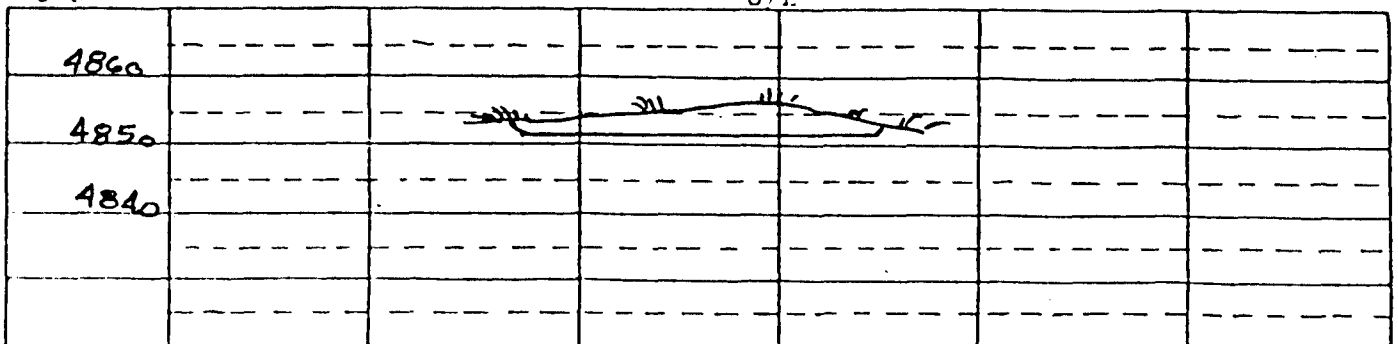
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L



OPERATOR Chuska Energy Co. DATE 7/3/84
WELL NAME Navajo Tribal #22-25
SEC SE NW 25 T 41S R 25E COUNTY San Juan

43-037-31033
API NUMBER

Indian
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:
No other wells in Section 25
Mud water permit

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☐ c-3-a _____ CAUSE NO. & DATE

☒ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:
1- Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☐ UNIT _____

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 5, 1984

Chaska Energy Company
c/o 3-E Company Inc.
P. O. Box 190
Farmington, New Mexico 87499

RE: Well No. Navajo Tribal #22-25
SE1/4 Sec. 25, T. 41S, R. 25E
1900' FWL, 1820' FWL
San Juan County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OCC-3-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Chuska Energy Company
Well No. Navajo Tribal #22-25
July 5, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31033.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals
Bureau of Indian Affairs

Enclosures



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 23, 1985

Bureau of Land Management
Branch of Fluid Minerals
P O Box 970
Moab, Utah 84532

Attention: Ms. Carol Fruediger

Dear Carol:

Re: Well No. Navajo Tribal 22-25 - Sec. 25, T. 41S., R. 25E.,
San Juan County, Utah - Lease No. NOG-8308-1033
Operator of Record: Chuska Energy Company

The above referenced well in your district was given state approval to drill July 5, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/9

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED NOV 12 1985 DIVISION OF OIL GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. NOG 8308-1033	
2. NAME OF OPERATOR CHUSKA ENERGY COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. BOX 2118, FARMINGTON, NEW MEXICO 87499			UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1900' FNL & 1820' FWL			7. FARM OR LEASE NAME NAVAJO TRIBAL	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4692' GR		9. WELL NO. 22-25
				10. FIELD AND POOL, OR WILDCAT ANETH
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25 - 41S - R25E
				12. COUNTY OR PARISH SAN JUAN
				13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Extend drilling application <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator request the extension of this drilling application originally dated 11/23/84.

Federal approval of this action
is required before commencing
operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 11/18/85
BY John R. Darr

18. I hereby certify that the foregoing is true and correct

SIGNED <u>John Alexander</u>	TITLE <u>Vice-President</u>	DATE <u>11/08/85</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-037-31033

NAME OF COMPANY: CHUSKA ENERGY COMPANY

WELL NAME: NAVAJO TRIBAL 22-25

SECTION SE NW 25 TOWNSHIP 41S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Aztec Drilling

RIG # 301

SPODDED: DATE 1-11-86

TIME 8:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY John Alexander

TELEPHONE # (505) 326-5525

DATE 1-17-86 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

RECEIVED

2. NAME OF OPERATOR

Chuska Energy Company

JAN 23 1986

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1900' FNL & 1820' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4692' GR

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

22-25

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

25 - 41S - 25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Move in Aztec Well Service Rig #301. Spud 17 1/2" hole at 2000 hrs. 1-11-86. Drilled to 70'. Ran 13 3/8" 54.50 lb./ft. casing to 47'. Cemented with 148 cu. ft. Class "B" with 3% CaCl₂ and 1/2 lb. Flocele/Sk. Job complete 1-12-86.

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander

TITLE

Vice-President

DATE

1-20-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a well.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

OIL WELL ☒ GAS WELL ☐ OTHER ☐

JAN 23 1986

2. NAME OF OPERATOR

Chuska Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico 87499

DIVISION OF OIL
GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1900' FNL & 1820' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4692' GR

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

22-25

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

25 - 41S - 25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12 1/4" hole to 1608'. Ran 8 5/8" 24 lb./ft. casing to 1608'. Cemented with 935 cu. ft. 65/35 Pozmix with 6% gel and 1/2 lb. Flocele/Sk followed by 236 cu. ft. Class "B" with 2% CaCl₂ and 1/2 lb. Flocele/Sk. Cement returned to surface. Job complete 1/14/86.

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander
John Alexander

TITLE

Vice-President

DATE

1-20-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EXPRESS MAIL ROUTIN LIP

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

2-6	7:40
2-6	11:00
	2:15 VC
2-7	8:59 CJ
2-6	4:02 J
CD 2-7	8:04
MAP 2-7	1:30
MAP 2-7	11:50
CD 2-7	2:26
MS 2-7	8:00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. NOG 8308-1033
2. NAME OF OPERATOR Chuska Energy Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. Box 2118, Farmington, New Mexico 87499	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1900' FNL & 1820' FWL	8. FARM OR LEASE NAME Navajo Tribal
14. PERMIT NO. 49037 31033 Del	9. WELL NO. 22-25
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4692' GR	10. FIELD AND POOL, OR WILDCAT Aneth
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-41S-25E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to 5885' t.d. on 1-21-86. Ran DIL, CNL-FDC and Dipmeter logs. Plugged well with Class "B" Cement plugs as follows:

Upper Ismay	5452'-5552'	50 cu. ft.
Hermosa	4611'-4711'	65 cu. ft.
DeChelly	2676'-2776'	110 cu. ft.
Surface casing	1552'-1652'	40 cu. ft.
Surface plug	0'-50'	20 cu. ft.

Set dry hole marker. Job complete 1-23-86.

RECEIVED

JAN 30 1986

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander

TITLE Vice-President

DATE 1-28-86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE 2/4/86

BY:

John R. Daza

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOG 8308-1033	
2. NAME OF OPERATOR Chuska Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 2118, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1900' FNL & 1820' FWL		8. FARM OR LEASE NAME Navajo Tribal	
14. PERMIT NO.		9. WELL NO. 22-25	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4692' GR		10. FIELD AND POOL, OR WILDCAT Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-41S-25E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to 5885' t.d. on 1-21-86. Ran open hole logs. Intend to plug well as follows:

Upper Ismay	5452'-5552'	50 cu. ft. Class "B"
Hermosa	4611'-4711'	65 cu. ft. Class "B"
DeChelly	2676'-2776'	110 cu. ft. Class "B"
Surface casing	1552'-1652'	40 cu. ft. Class "B"
Surface plug	0'-50'	20 cu. ft. Class "B"

Set dry hole marker.

RECEIVED

JAN 30 1986

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander

TITLE Vice-President

DATE 1-28-86

(This space for Federal or State office use)

APPROVED BY

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DATE

2/4/86

BY

John R. Day

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, UT 84114

RECEIVED
FEB 06 1986

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Navajo Tribal #22-25

Operator Chuska Energy Co. Address P. O. Box 2118
Farmington, NM 87499

Contractor Aztec Well Service Address P. O. Box 100
Aztec, NM 87410

Location SE 1/4 NW 1/4 Sec. 25 T. 41S R. 25E County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	NONE			
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

<u>Formation Tops</u>				
DeChelly	2719'	Lower Ismay	5631'	
Organ Rock	2911'	Desert Creek	5737'	
Hermosa	4650'			

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

EXPRESS MAIL ROUTING SLIP

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILIE

2-4 4:25
2-10 8:30
9:30 VC
11:17 G
2-10 11:49 J
CP 2-10 12:57
RM 2-10 1:20
MAP 2-10 1:27
LD 2-11 731

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

FEB 06 1986

2. NAME OF OPERATOR
Chuska Energy Company

DIVISION OF
OIL, GAS & MINING

3. ADDRESS OF OPERATOR
P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1900' FNL & 1820' FWL SESW

At top prod. interval reported below
SAME

At total depth

SAME

14. PERMIT NO. 43037 31033
DATE ISSUED 7-5-84

15. DATE SPUDDED 1-11-86 16. DATE T.D. REACHED 1-21-86 17. DATE COMPL. (Ready to prod.) P & A 1-23-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4864' K.B. 19. ELEV. CASINGHEAD 4853'

20. TOTAL DEPTH, MD & TVD 5885' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-5885' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, CNL-FDC, GR, SP, Dipmeter

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13' 3/8"	54.50	47	17' 1/2"	148 cu ft. "B", 3% CaCl ₂	NONE
8' 5/8"	24.0	1608	12' 1/4"	1/2 # Flocele/Sk. (Cement to surface)	
				935 cu. ft. 65-35 Poz, 6% gel; NONE	
				236 cu. ft. "B", 2% CaCl ₂ , 1/2 # Flocele/Sk.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

31. PERFORATION RECORD (Interval, size and number)

N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) P & A 1-22-86 WELL STATUS (Producing or shut-in) P & A

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

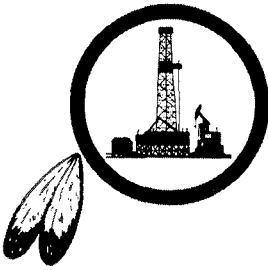
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John Alexander TITLE Vice-President

DATE 2-03-86

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Shale Desert Creek	2719' 2911' 4650' 5530' 5631' 5694' 5737'	



CHUSKA ENERGY COMPANY

P.O. BOX 2118 • FARMINGTON, N.M. 87499 • PHONE: (505) 326-5525

February 17, 1986

Utah Oil & Gas Division
4241 State Office Building
Salt Lake City, Utah 84111

Attention: Log Distribution

RECEIVED
FEB 20 1986

DIVISION OF
OIL, GAS & MINING

Dear Sir:

Please put Chuska's Navajo Tribal Well #22-25 located in the SE/4 NW/4 of Section 25, T41S, R25E, San Juan County, Utah, on your confidential log list.

Thank you for your cooperation.

Sincerely,

CHUSKA ENERGY COMPANY

Henry W. Haven, Jr.,
Geologist

HWH/bc

EXPLANATORY

09-1727

The following additional facts are set forth in order to define clearly the full purpose of the proposed application:

Chuska Energy Co. has drilling rights at the usage locations.
wells to be drilled under this application are:

030721

Navajo Tribal 32-36 43-037-31036 40S 22E Sec. 36 FA

Navajo Tribal 22-25 43-037-31033 41S 25E Sec. 25 FA

Navajo Tribal 12-31 43-037-31035 40S 23E Sec. 31 FA

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which
can be beneficially used for the purpose herein described

John Alexander
Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall